

CLAIMS

1. A light diffusing sheet comprising:
a transparent base sheet; and
a light diffusing layer provided on a front

surface side of the base sheet, wherein

the light diffusing layer is formed by
dispersing resinous beads and a fine inorganic filler
into a binder, and

the fine inorganic filler is colloidal
silica.

2. The light diffusing sheet of Claim 1,
wherein the resinous beads of the light diffusing layer
have an averaged particle diameter of 1 micrometer to
50 micrometers and the fine inorganic filler of the
light diffusing layer has an averaged particle diameter
of not smaller than 5 nanometers and smaller than 1
micrometer.

3. The light diffusing sheet of Claim 1,
wherein an amount of the fine inorganic filler mixed
into the light diffusing layer is 10 parts to 500 parts
by weight for 100 parts by weight of a polymer
component in the binder.

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4. A light diffusing sheet comprising:
a transparent base sheet;
a light diffusing layer provided on a front
surface side of the base sheet; and

5 a sticking-proof layer provided on a rear
surface side of the base sheet, wherein
the sticking-proof layer is formed by
dispersing resinous beads and a fine inorganic filler
into a binder, and

10 the fine inorganic filler is colloidal
silica.

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5. The light diffusing sheet of Claim 4,
wherein the resinous beads of the sticking-proof layer
has an averaged particle diameter of 1 micrometer to 50
micrometers and the fine inorganic filler of the
sticking-proof layer has an averaged particle diameter
of not smaller than 5 nanometers and smaller than 1
micrometer.

20 6. The light diffusing sheet of Claim 4,
wherein an amount of the fine inorganic filler mixed
into the sticking-proof layer is 10 parts to 500 parts
by weight for 100 parts by weight of a polymer
component in the binder.

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7. A backlight unit comprising:

a lamp;

a light guiding plate disposed laterally of
the lamp for guiding light rays emitted from the lamp
to a front surface side; and

a light diffusing sheet according to any of
Claims 1 to 6 disposed on a front surface side of the
light guiding plate.

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